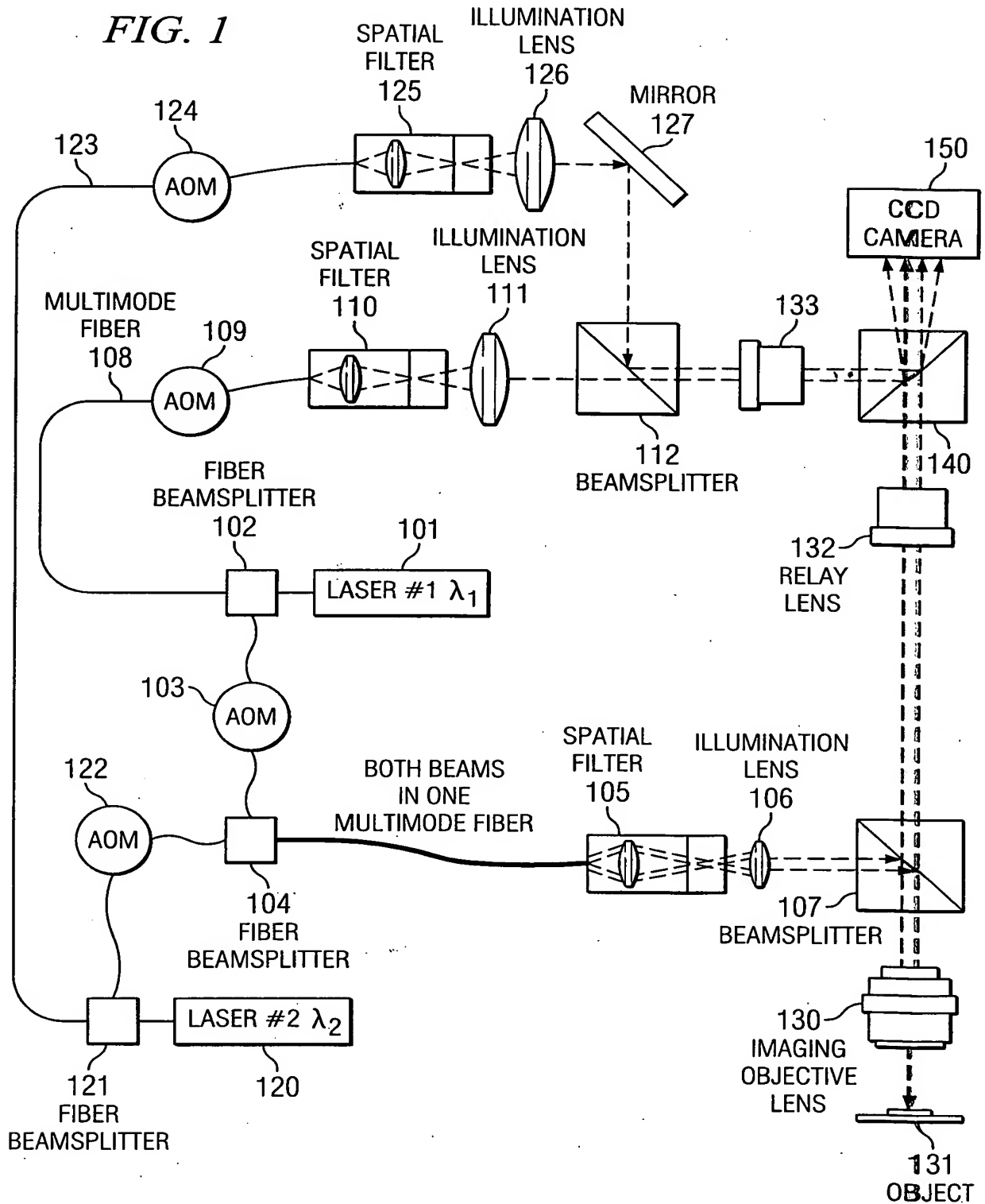
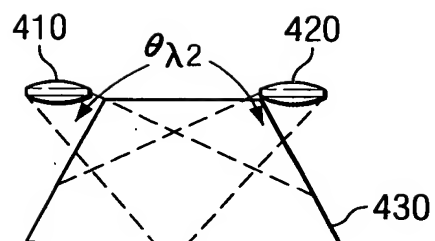
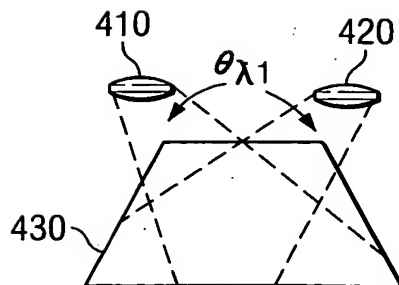
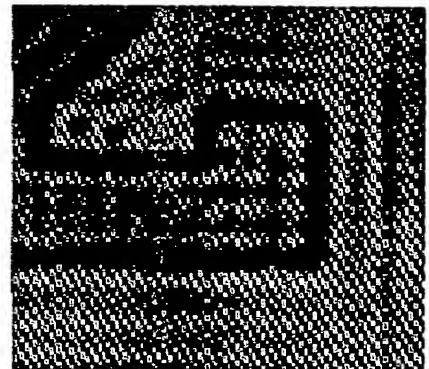
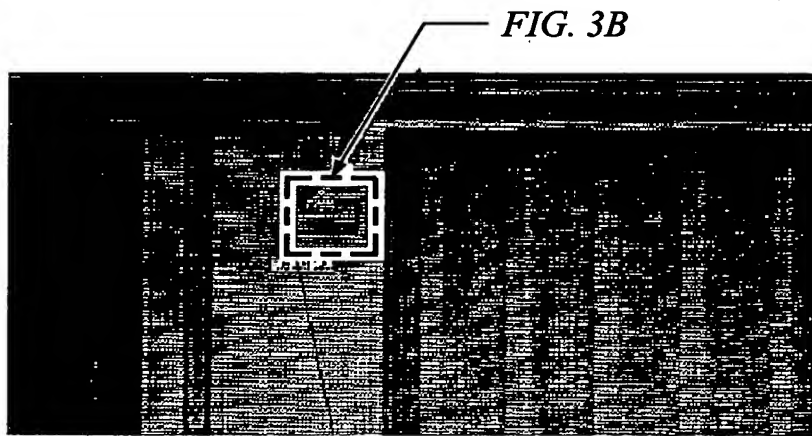
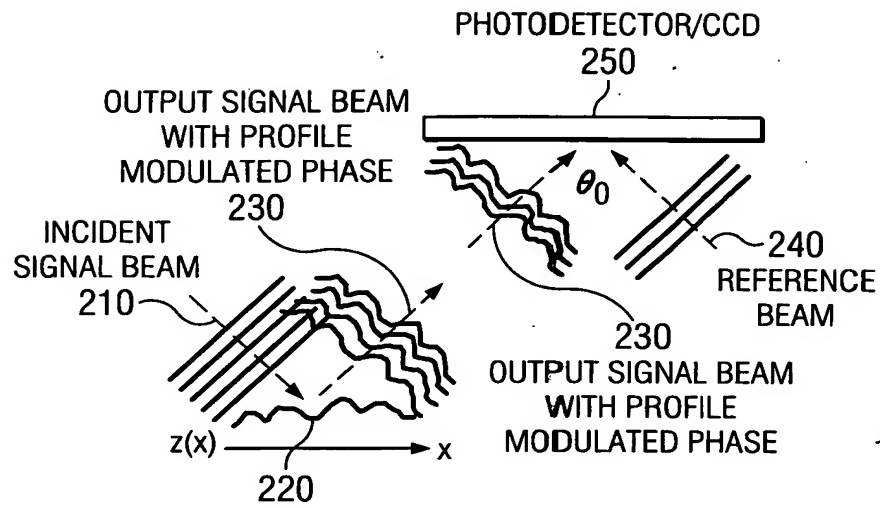


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FIG. 1





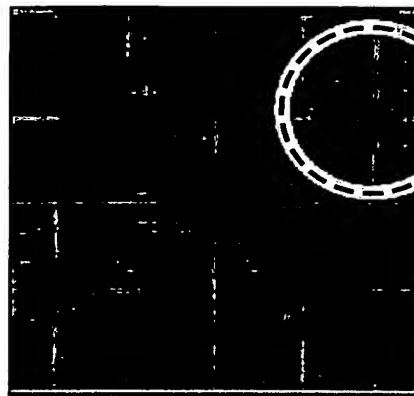


FIG. 5B

FIG. 5A

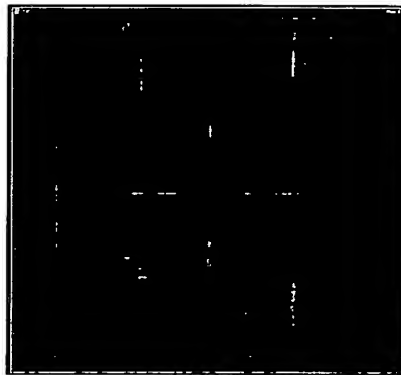
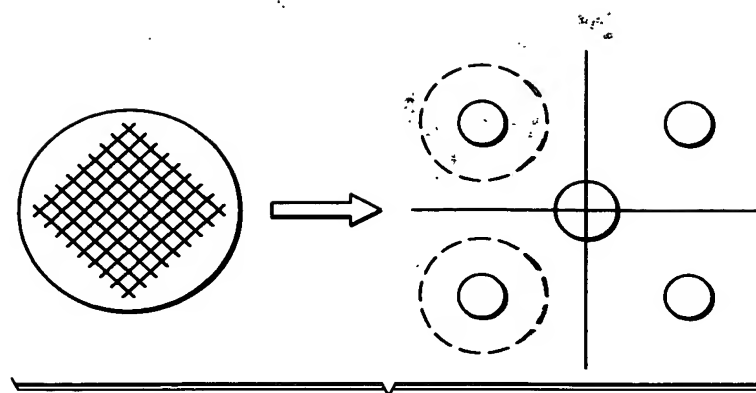
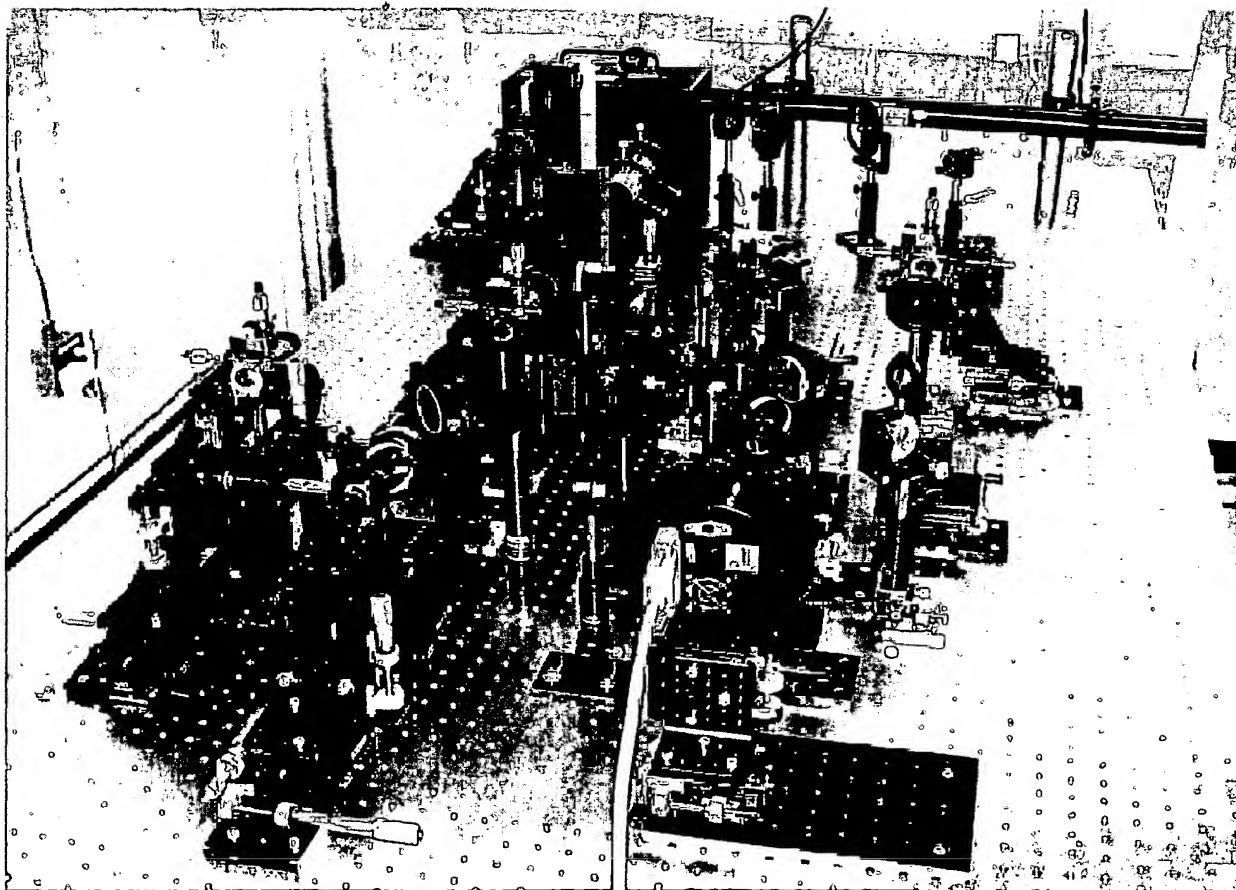


FIG. 5B



FIG. 5C

*FIG. 6**FIG. 7*

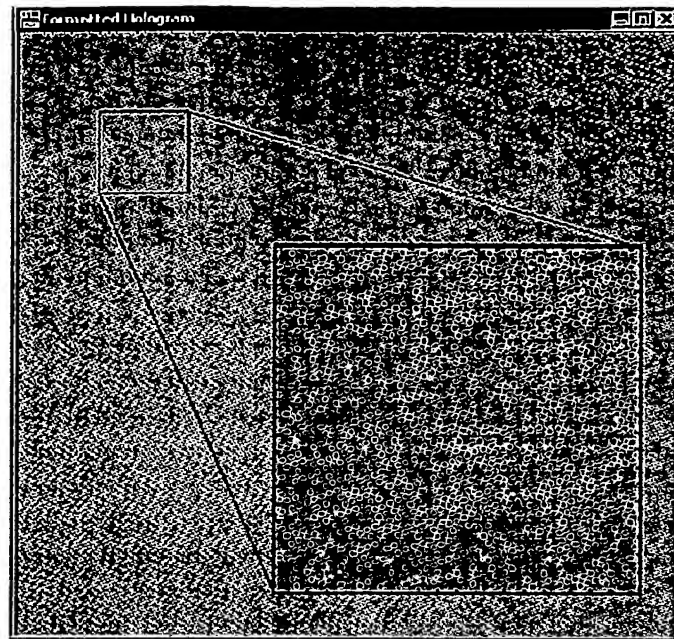


FIG. 8A

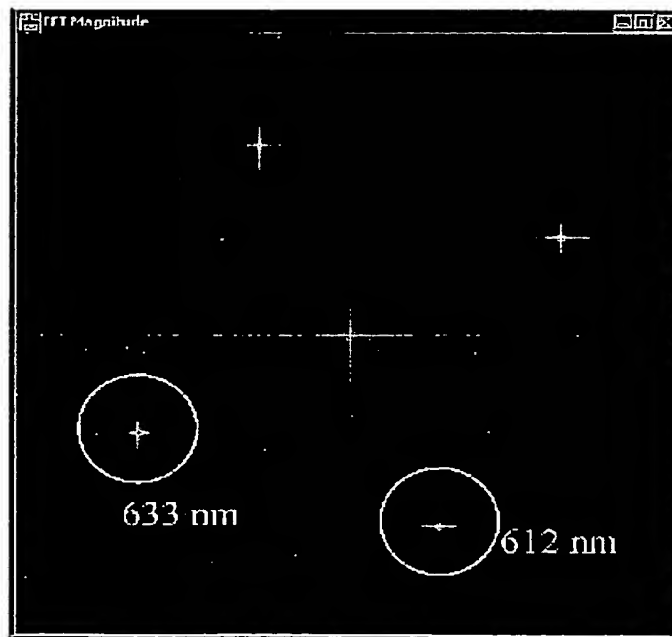


FIG. 8B

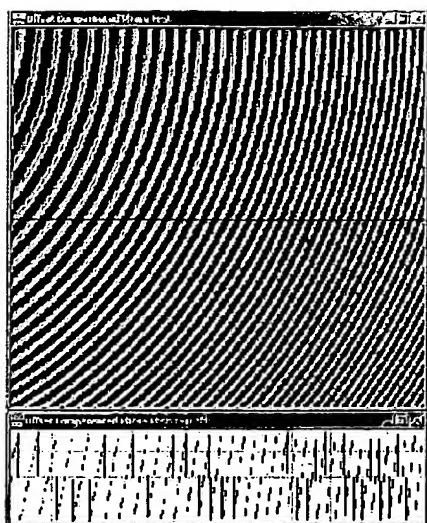


FIG. 9A

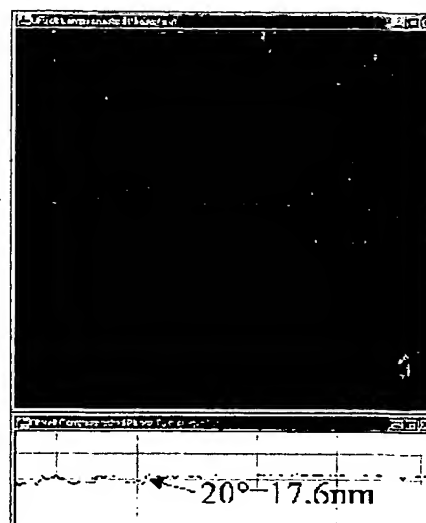


FIG. 10A

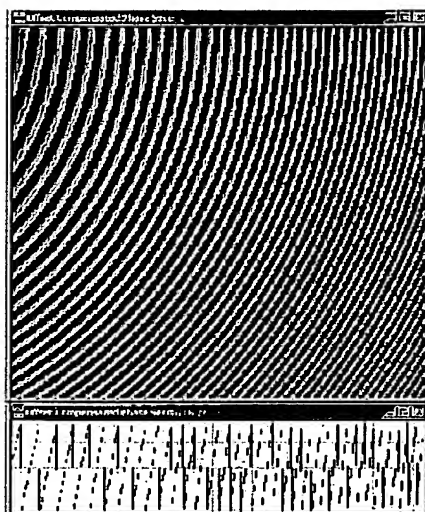


FIG. 9B

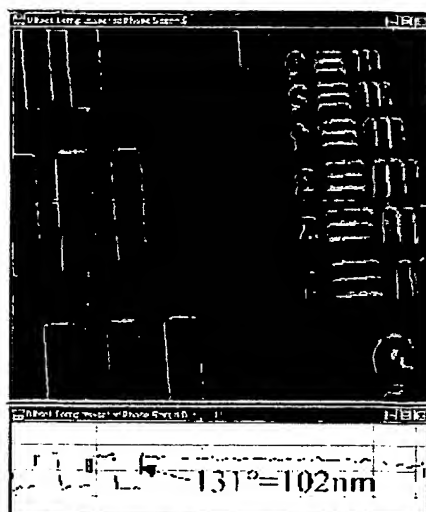


FIG. 10B

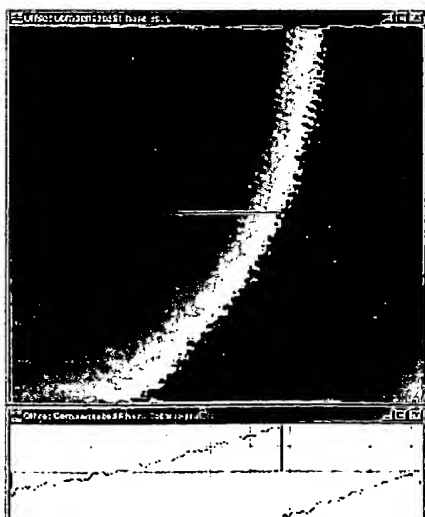


FIG. 9C

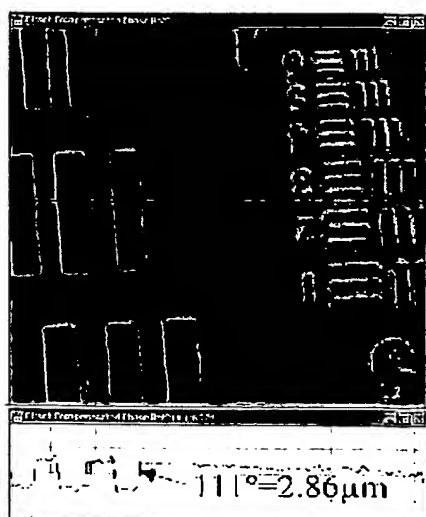


FIG. 10C

FIG. 11

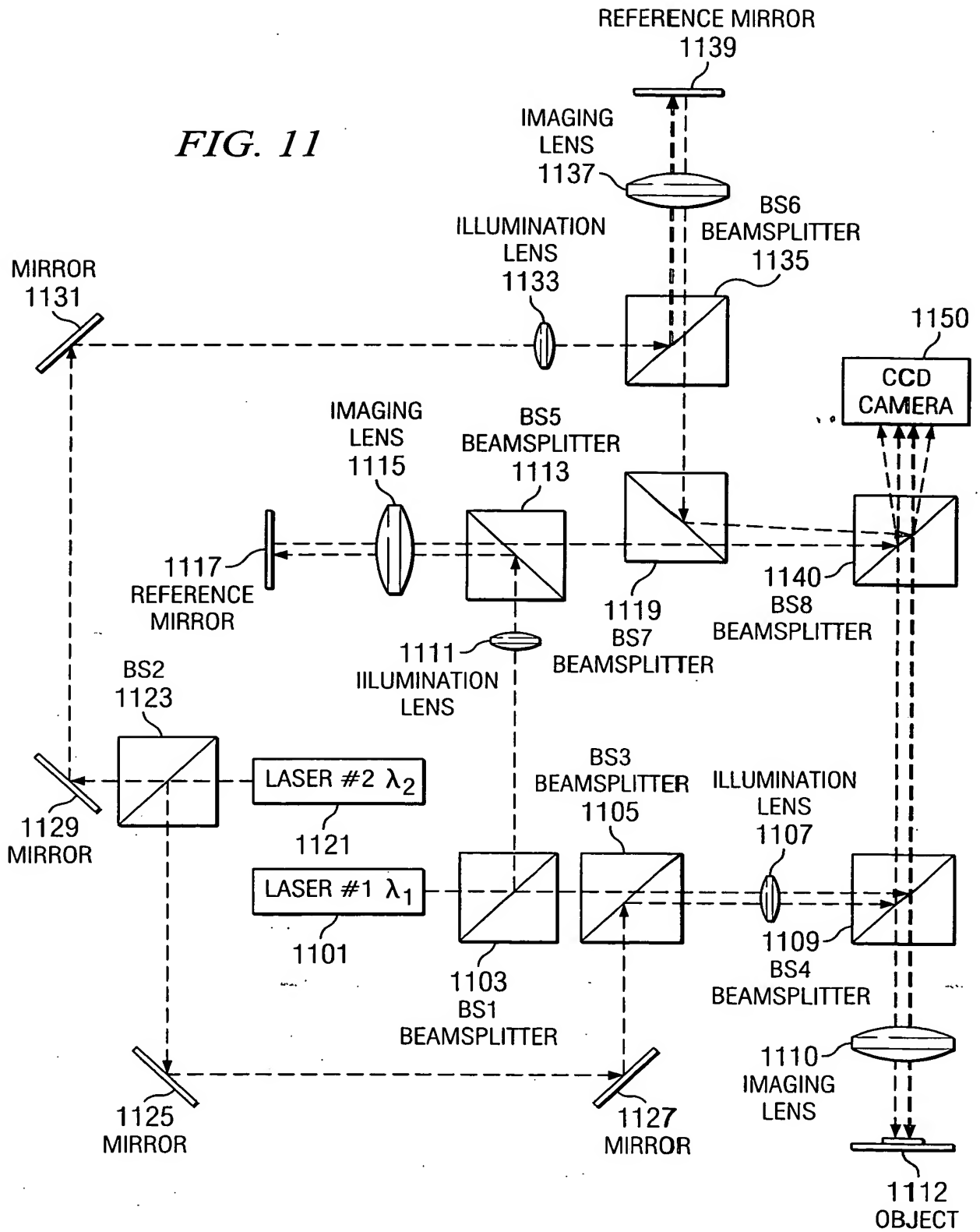


FIG. 12

The diagram illustrates an optical system for a microscope. The light path begins with a 633 NM HE-NE LASER (1201). The beam passes through a VARIABLE ATTENUATOR (1203) and a VARIABLE BEAMSPLITTER (1205). It then encounters a SPATIAL FILTER (1207) and a COLLIMATING LENS (1209). The beam is reflected by a MIRROR (1227) and passes through a COLLIMATING LENS (1223) and a MIRROR (1220). The beam then passes through a SPATIAL FILTER (1221) and a COLLIMATING LENS (1229). The beam is reflected by a MIRROR (1265) and passes through a SPATIAL FILTER (1267) and a COLLIMATING LENS (1269). The beam then passes through a SPATIAL FILTER (1259) and a COLLIMATING LENS (1261). The beam is reflected by a MIRROR (1263) and passes through a COLLIMATING LENS (1231) and a MIRROR (1233). The beam then passes through a MIRROR (1235) and a LENS (1271) REFERENCE. The beam is reflected by a MIRROR (1273) and passes through a BEAMSPLITTER (1237) and a TUBE LENS (1239). The beam then passes through a BEAMSPLITTER (1241) and a TUBE LENS (1220). The beam is reflected by a MIRROR (1243) and passes through a BEAMSPLITTER (1243) and a CCD (1243). The beam then passes through a BEAMSPLITTER (1211) and a COLLIMATING LENS (1213). The beam is reflected by a MIRROR (1215) and passes through a BEAMSPLITTER (1217) and an OBJECTIVE LENS (1219). The beam then passes through a BEAMSPLITTER (1215) and a COLLIMATING LENS (1213).

633 NM HE-NE LASER 1201

VARIABLE ATTENUATOR 1203

VARIABLE BEAMSPLITTER 1205

SPATIAL FILTER 1207

COLLIMATING LENS 1209

MIRROR 1227

COLLIMATING LENS 1223

MIRROR 1220

SPATIAL FILTER 1221

COLLIMATING LENS 1229

MIRROR 1265

SPATIAL FILTER 1267

COLLIMATING LENS 1269

SPATIAL FILTER 1259

COLLIMATING LENS 1261

MIRROR 1263

COLLIMATING LENS 1231

MIRROR 1233

M1 MIRROR 1235

LENS 1271 REFERENCE

MIRROR 1273

BEAMSPLITTER 1237

TUBE LENS 1239

BEAMSPLITTER 1241

TUBE LENS 1220

MIRROR 1243

BEAMSPLITTER 1243

CCD 1243

BEAMSPLITTER 1211

COLLIMATING LENS 1213

MIRROR 1215

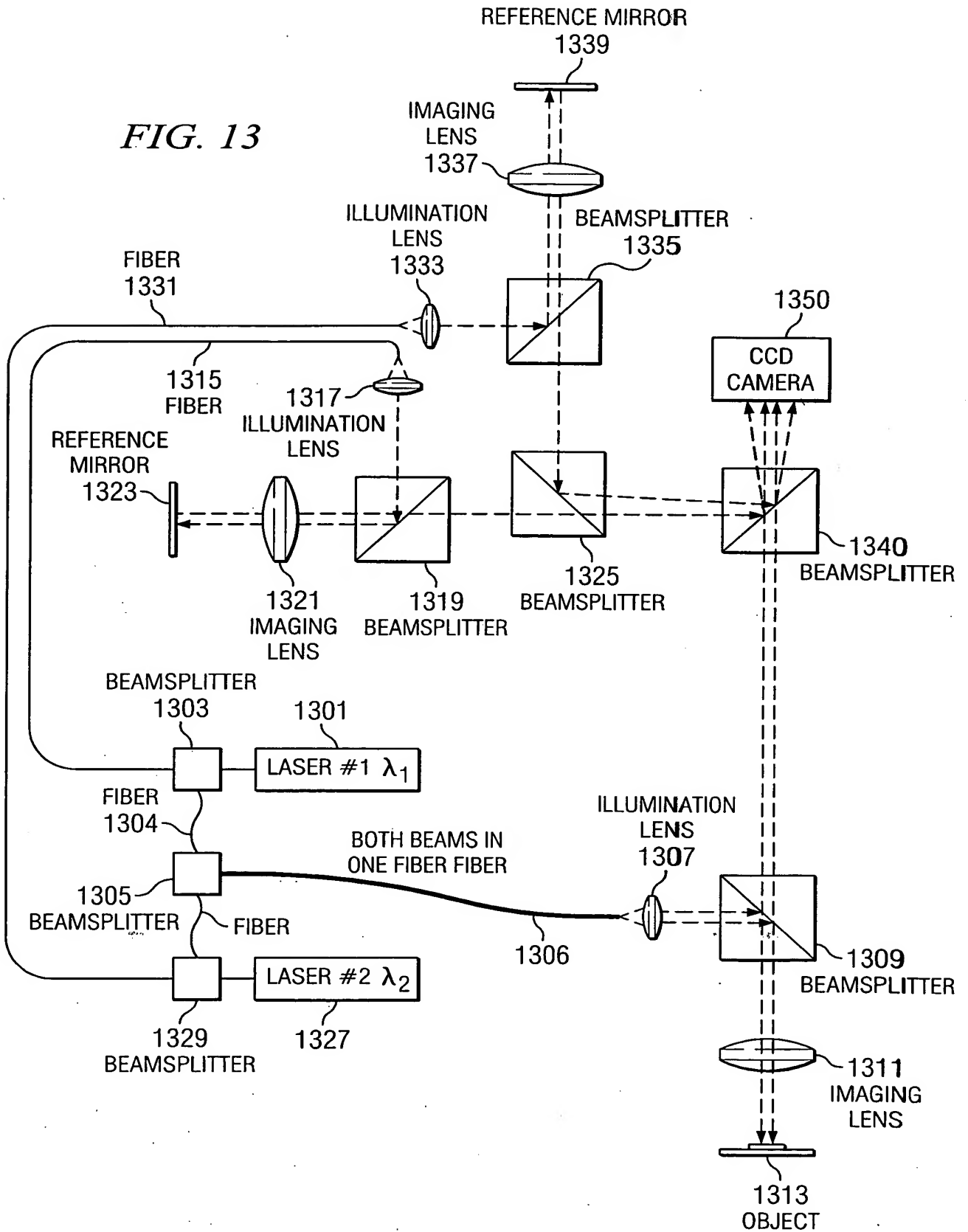
BEAMSPLITTER 1217

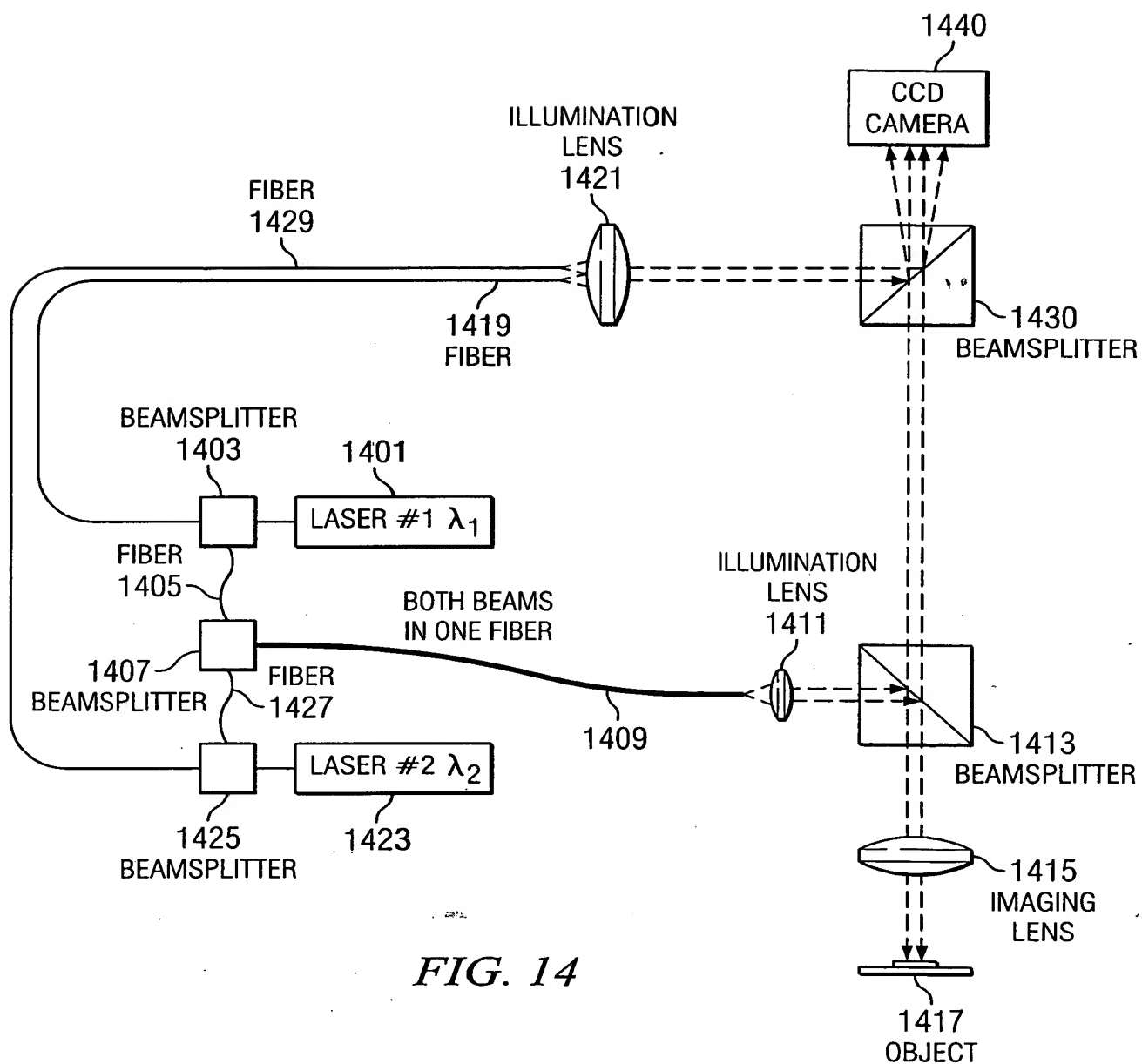
OBJECTIVE LENS 1219

BEAMSPLITTER 1215

COLLIMATING LENS 1213

FIG. 13





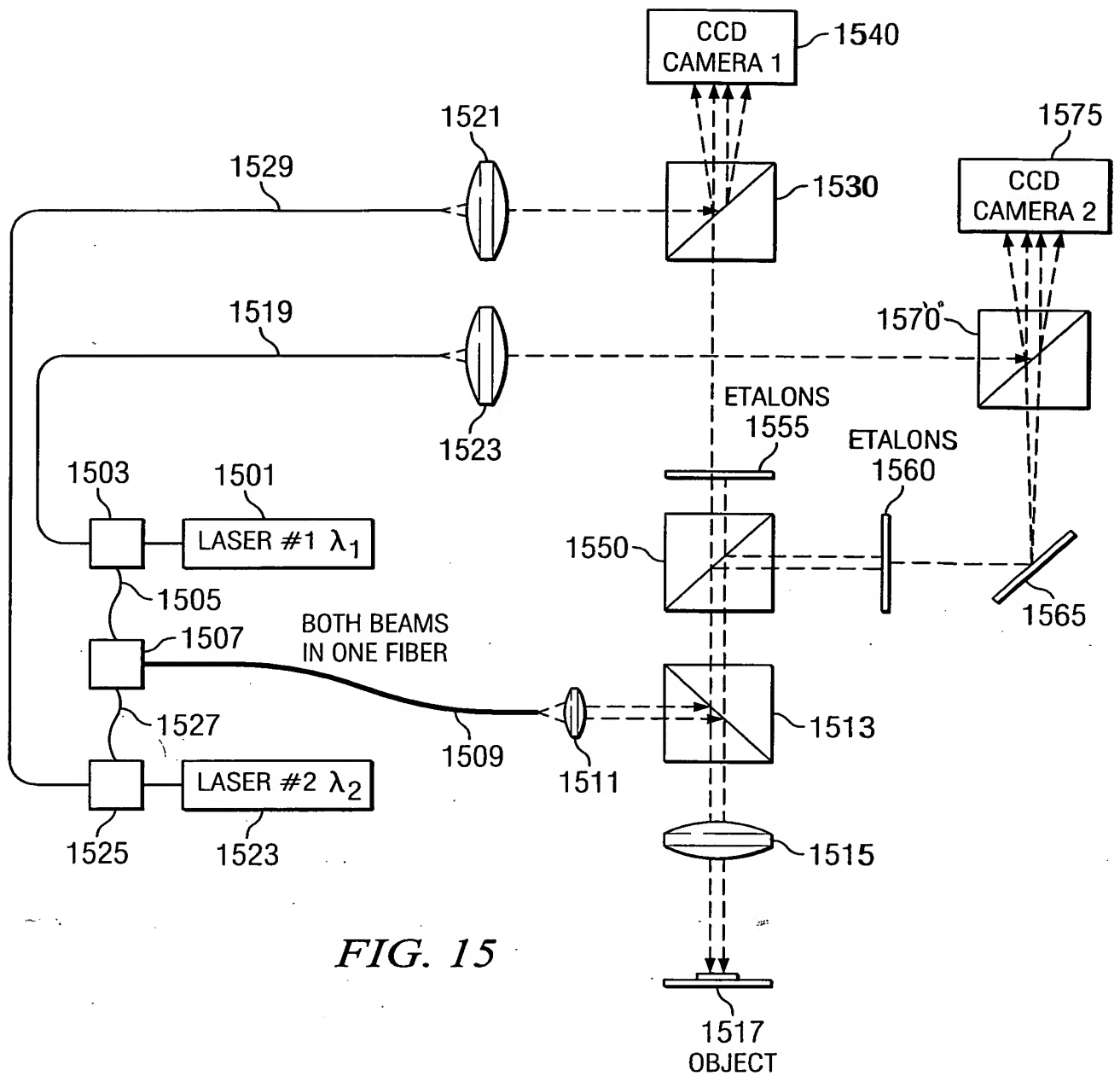


FIG. 15

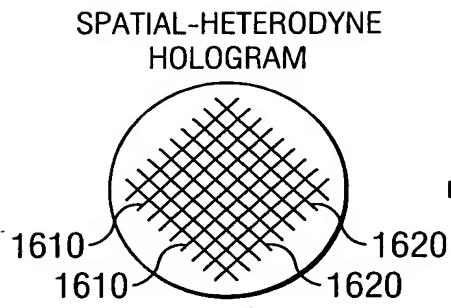


FIG. 16A

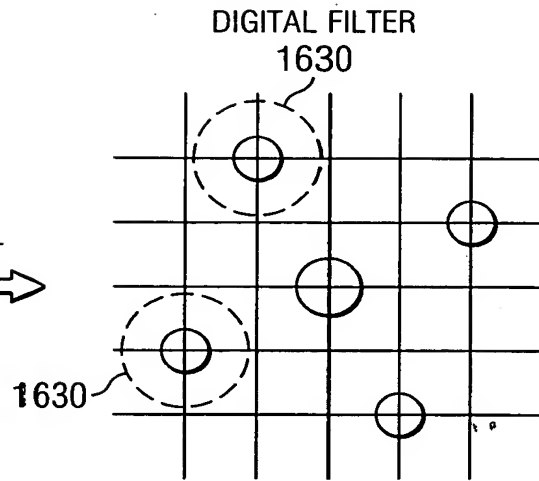
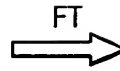


FIG. 16B

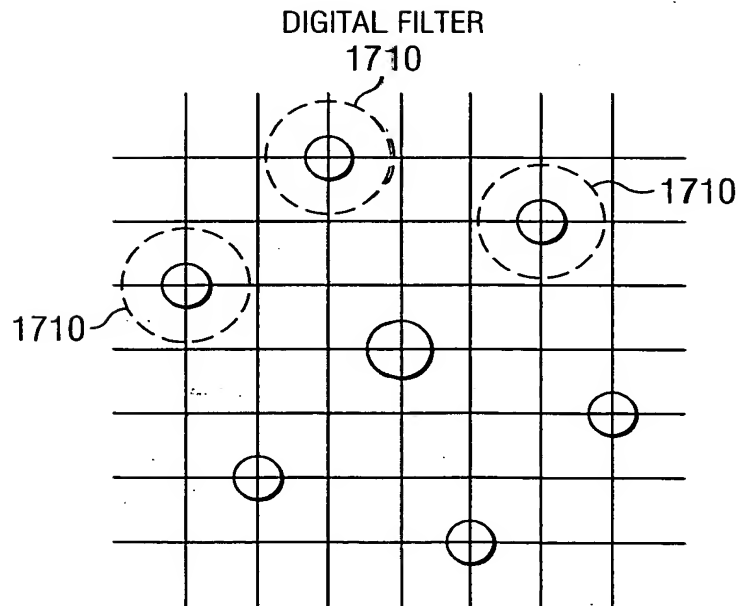
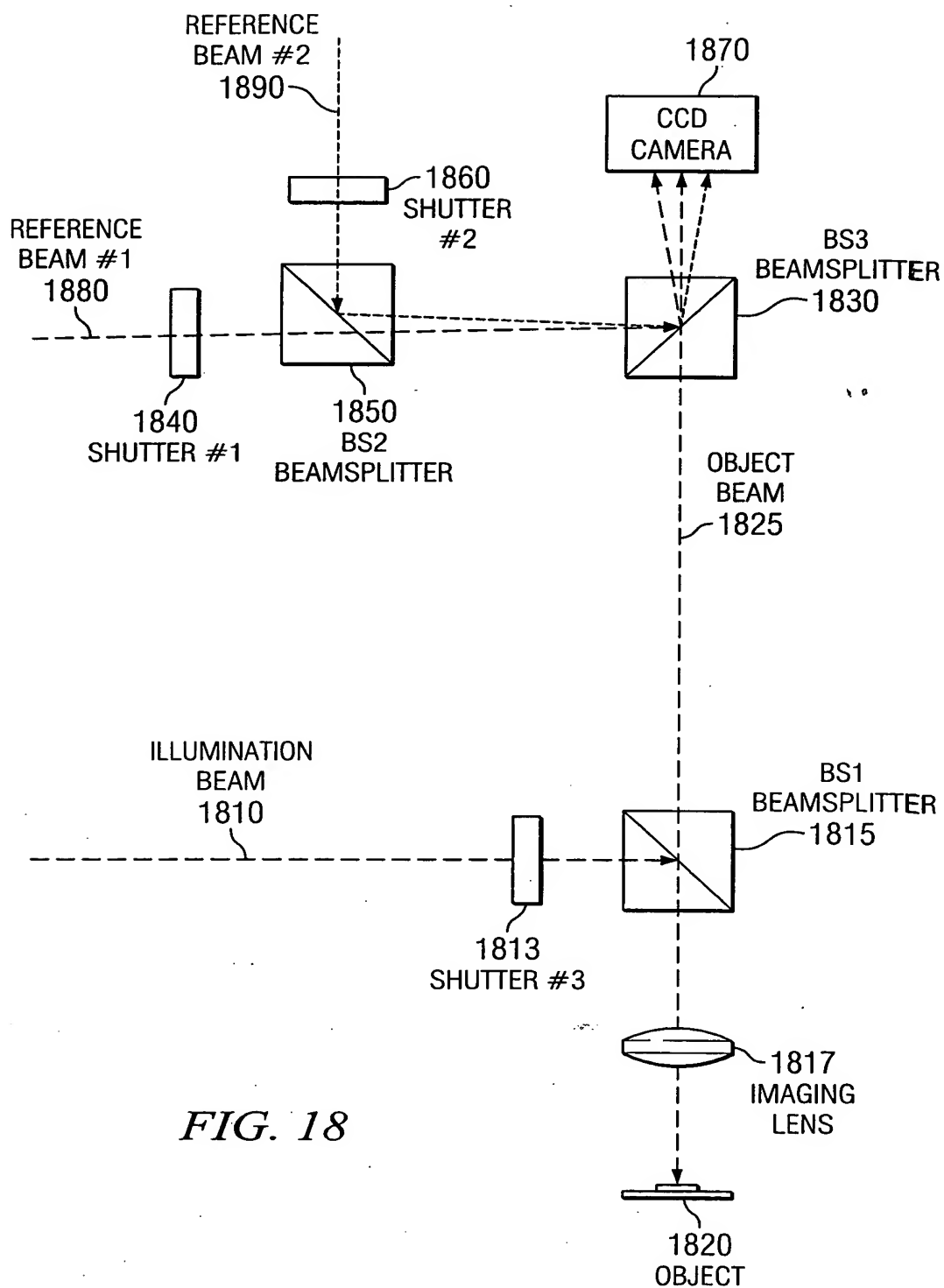


FIG. 17



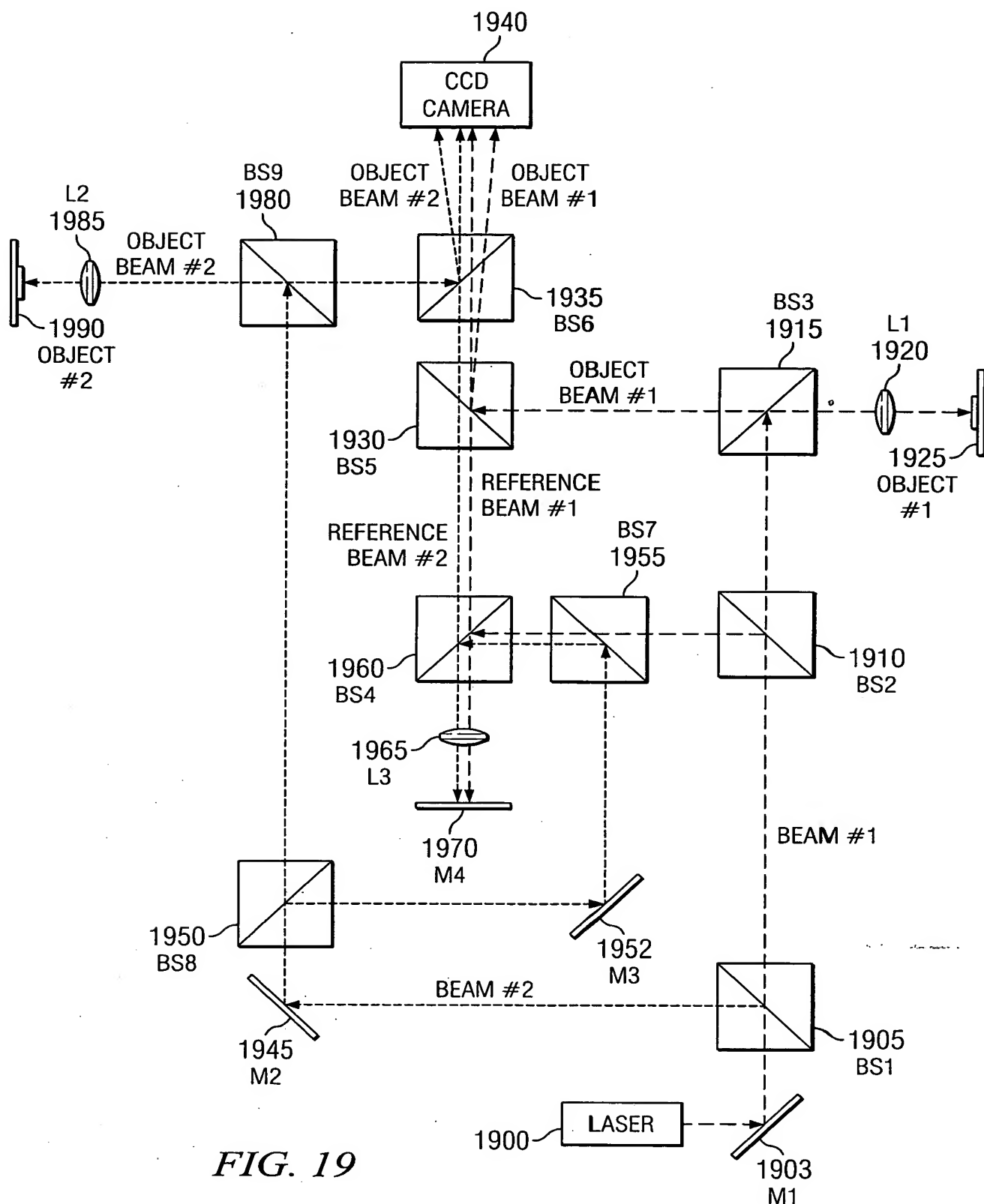


FIG. 19

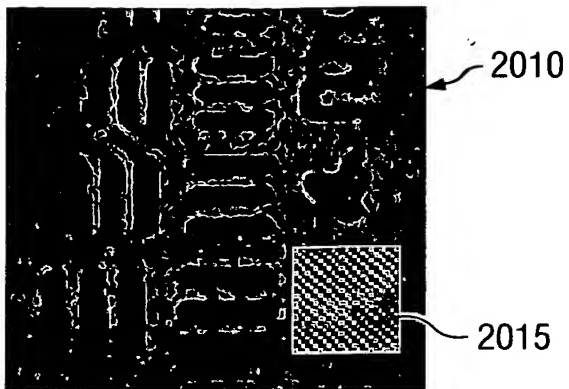


FIG. 20A

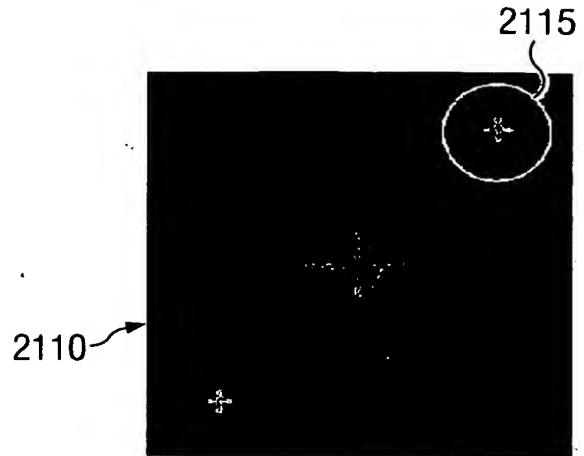


FIG. 21A

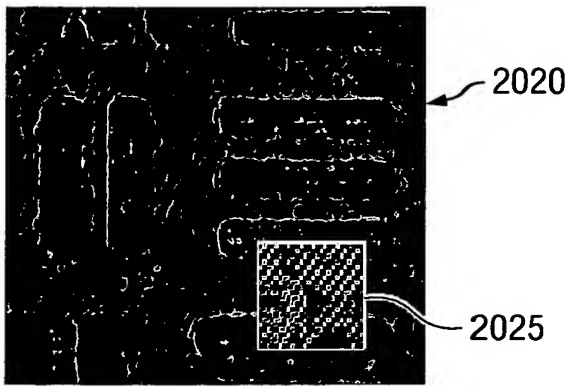


FIG. 20B

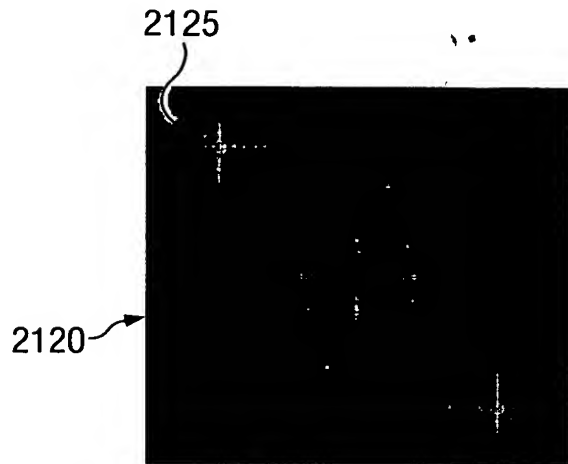


FIG. 21B

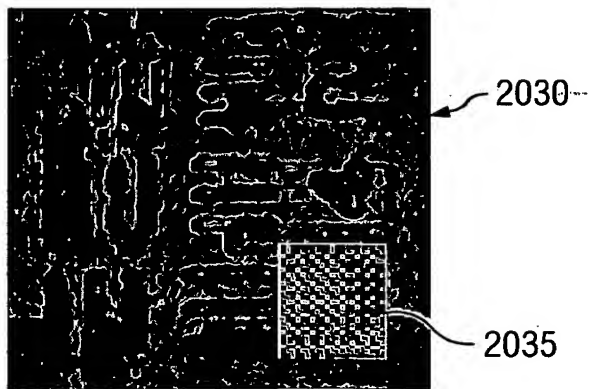


FIG. 20C

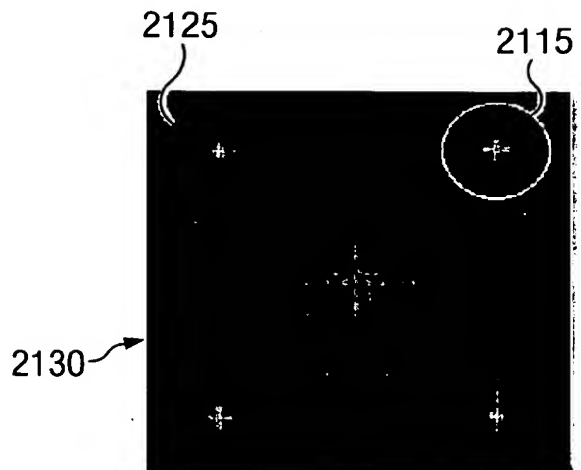


FIG. 21C

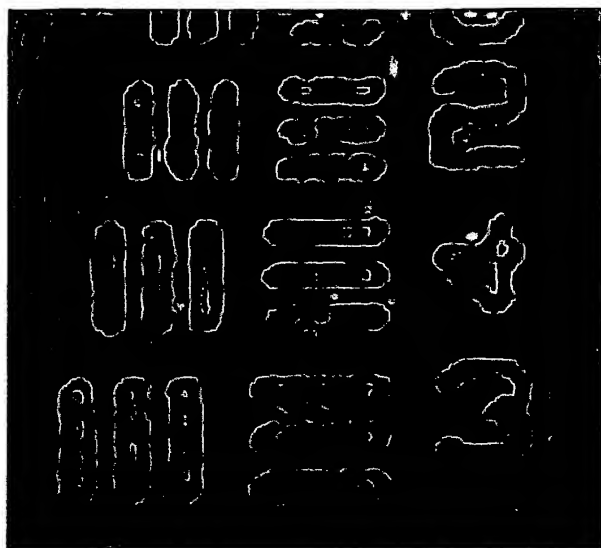


FIG. 22A

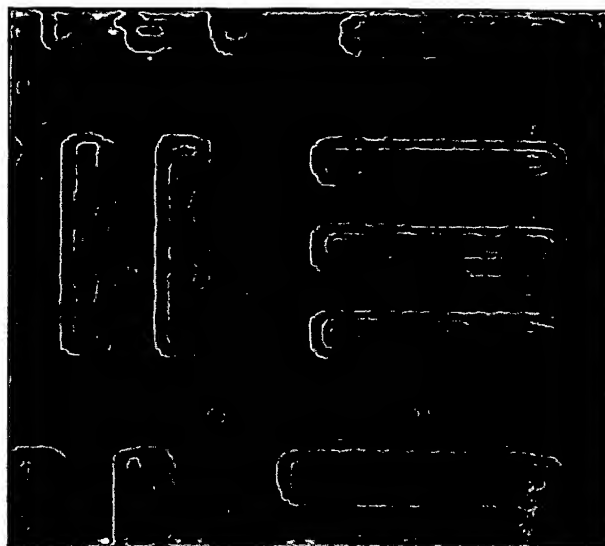


FIG. 22B



FIG. 22C

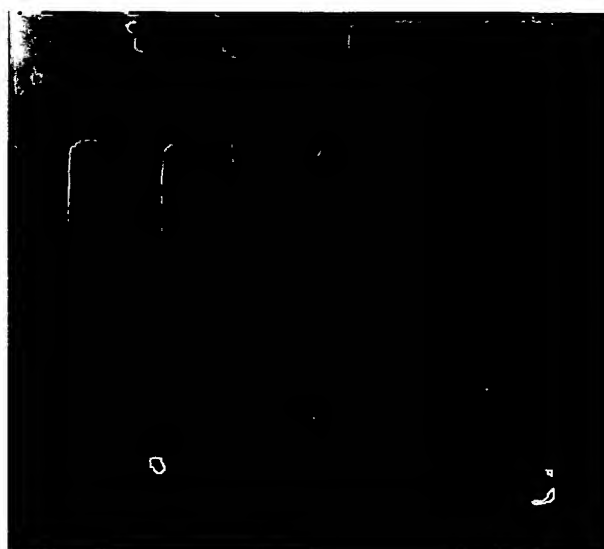


FIG. 22D

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